

Amendment and Response under 37 C.F.R. 1.116

Applicant: Daniel R. Marshall

Serial No.: 09/759,867

Filed: January 12, 2001

Docket No.: 10002307-1

Title: PORTABLE INFORMATION STORAGE MODULE FOR INFORMATION SHOPPING

IN THE CLAIMS

Amendments to the Claims

Please cancel claims 9, 31, and 35 without prejudice.

Please amend claims 1, 10, 30, 32, 34, and 36 as follows:

This listing of claims will replace all prior versions, and listings, of the claims:

1.(Currently Amended) A method of handling information comprising:
storing electronically readable information including audio and visual media into a portable storage module including a memory component configured having dimension no larger than one square millimeter and capable of storing gigabytes of data; and
recalling selectively a portion of the electronically readable information from the memory component of the portable storage module into an information playback device for consumption by a user; and
containing the portable storage module within a housing and wearing the housed
portable storage module on or about a body of a user.

2.(Previously Presented) The method of claim 1, wherein storing electronically readable information further includes transferring the electronically readable information from an external information source into the memory component of the portable storage module.

3.(Previously Presented) The method of claim 2, wherein transferring electronically readable information further comprising:
selecting at least one of a stationary entertainment library and an internet website as the external information source.

4.(Previously Presented) The method of claim 2, wherein storing electronically readable information further comprises:
providing multiple types of entertainment media as the electronically readable information;
storing the entertainment media into the external information source; and

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providing the electronically readable information for user-initiated wireless transfer from the external information source to the portable storage module.

5.(Previously Presented) The method of claim 1, and further comprising:
repeating the storing step to capture additional electronically readable information into the memory component of the storage module.

6.(Previously Presented) The method of claim 1 wherein recalling selectively a portion of the electronically readable information further comprises the information playback device including a notebook computer.

7.(Previously Presented) The method of claim 1, wherein recalling selectively a portion of the electronically readable information further comprises the information playback device comprising an audio player.

8.(Original) The method of claim 1, wherein the electronically readable information is at least one of a book, a music collection, and a movie.

9.(Cancelled)

10.(Currently Amended) The method of claim 91, wherein containing the portable storage module further comprises:

arranging the portable storage module within at least one of a wristwatch, a neck worn pendant, a bracelet, a cellular phone, a pair of eyeglasses, an image display, a notebook computer, and an audio headset.

11.(Previously Presented) The method of claim 1, wherein storing electronically readable information further comprises:

providing the storage module with a communication interface and a power supply.

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12.(Previously Presented) The method of claim 11, wherein providing the storage module further comprises:

providing the communication interface with a wireless communication path including infrared or radio frequency paths.

13.(Previously Presented) The method of claim 11, wherein the memory component further includes a controller for operating the portable storage module and communicating between the memory component and the communication interface.

14.(Previously Presented) The method of claim 1, and further comprising:
performing the storing step and the recalling step in a broadband frequency format.

15.(Previously Presented) A portable entertainment media storage module comprising:
a storage device including a memory component configuring having dimensions no larger than one square millimeter and capable of storing gigabytes of data and capable of storing at least one entertainment media packet which includes audio and visual media; and
a communication interface for communicating to and from the memory component of the storage module.

16.(Original) The module of claim 15, wherein the communication interface includes wireless communication technology.

17.(Previously Presented) The module of claim 16, wherein the wireless communication technology includes at least one of a radio frequency communicator and an infrared bandwidth communicator.

18.(Previously Presented) The module of claim 15, and further comprising at least one of a microphone, a speaker, an input keypad, and a display for communicating with the memory component of the storage device via the communication interface.

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19.(Original) The module of claim 15, wherein the storage device further includes a logic controller.

20.(Original) The module of claim 15, wherein the entertainment packet includes at least one audio element.

21.(Original) The module of claim 20, wherein the audio element is a music CD.

22.(Original) The module of claim 15, wherein the entertainment packet includes at least one printed media.

23.(Previously Presented) The module of claim 15, and further comprising a controller located on the memory component.

24.(Previously Presented) The module of claim 15, wherein the memory component further comprises:

a field emitter fabricated by semiconductor microfabrication techniques capable of generating an electron beam current; and

a storage medium in proximity to the field emitter and having a storage area in one of a plurality of states to represent the information stored in the storage area.

25.(Original) The module of claim 24, wherein an effect is generated when the electron beam current bombards the storage area, wherein the magnitude of the effect depends upon the state of the storage area, and wherein the information stored in a storage area is read by measuring the magnitude of the effect.

26.(Previously Presented) The module of claim 24, and further comprising:

a plurality of storage areas on the storage medium, and

a microfabricated mover in the storage device to position different storage areas to be bombarded by the electron beam current.

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27.(Previously Presented) The module of claim 26, and further comprising:
a plurality of field emitters being spaced apart, with each emitter being responsible for
a number of storage areas on the storage medium; and
such that a plurality of the field emitters can work in parallel to increase the data rate
of the storage device.

28.(Previously Presented) The module of claim 15, and further comprising:
a housing which encloses the storage device and the communication interface.

29.(Previously Presented) An information transfer and consumption system comprising:
a portable entertainment media storage module comprising:
a storage device configured having dimension no larger than one square
millimeter and capable of storing gigabytes of data and capable of
storing at least one entertainment media packet which includes audio
and visual media; and
a communication interface for communicating to and from the storage device;
an information library of multiple types of entertainment media stored as
electronically readable information including:
a master memory module for storing a collection of entertainment
media; and
a communication interface for selectively transferring a copy of a
selection of the entertainment media collection from the
information library to the storage device of the portable
entertainment media storage module; and
an entertainment media playback device for retrieving the entertainment media from
the storage device of the module and for making the entertainment media
available in a consumable format.

30.(Currently Amended) A method of distributing books in electronically readable
format, comprising:

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providing an entertainment library being located in a public venue and having a selection of books in electronically readable format;

providing a portable storage module including a memory component configured having dimension no larger than one square millimeter and capable of storing gigabytes of data with a display;

selecting at least one book from the entertainment library with the portable storage module;

downloading the selected book in electronically readable format from the entertainment library to the portable storage module; and

displaying at least a portion of the selected book on the display; and

wearing the portable storage module about a body of a user.

31.(Cancelled)

32.(Currently Amended) The method of claim 34~~30~~, wherein the portable storage module is selected from the group consisting of eyeglasses, wristwatches, and neck pendants.

33.(Previously Presented) The method of claim 30, wherein the portable storage module comprises a cellular phone.

34.(Currently Amended) A method of distributing movies in electronic format, comprising:

providing an entertainment library being located in a public venue and having a selection of movies in electronic format;

providing a portable storage module including a memory component configured having dimension no larger than one square millimeter and capable of storing gigabytes of data with a display;

selecting at least one movie from the entertainment library with the portable storage module;

downloading the selected movie in electronic format from the entertainment library to the portable storage module; and

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displaying at least a portion of the selected movie on the display; and
wearing the portable storage module about a body of a user.

35.(Cancelled)

36.(Currently Amended) The method of claim 3534, wherein the portable storage module is selected from the group consisting of eyeglasses, wristwatches, and neck pendants.

37.(Previously Presented) The method of claim 34, wherein the portable storage module comprises a cellular phone.